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Matica of Allowshills	Application No.	Applicant(s)	
	10/025,119	HAMALAINEN, ARI	
Notice of Allowability	Examiner	Art Unit	
Er	Emmanuel Bayard	2611	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RICO of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in or other appropriate commune GHTS. This application is su	this application. If not included nication will be mailed in due course	
1. This communication is responsive to <u>communiatin filed on 2</u>	<u>2/12/07</u> .		
2. ☑ The allowed claim(s) is/are <u>1-18</u> .			
3. Acknowledgment is made of a claim for foreign priority und a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Activity of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the priority documents have 1. Activity of the priority documents have 2. Copies of the priority documents have 3. Copies of the priority documents have 1. Activity of the priority documents have 2. Activity of the priority documents have 3. Acknowledgment sheets of the priority documents have 4. Acknowledgment sheets of the priority documents have 5. Acknowledgment sheets of the priority documents have 1. Acknowledgment sheets of the pri	been received. been received in Application uments have been received of this communication to file ENT of this application. tted. Note the attached EXAls reason(s) why the oath or	No in this national stage application from this national stage application from the requirem a reply complying with the requirem	ents
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperso 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.8) 	on's Patent Drawing Review Amendment / Comment or i	n the Office action of	of
each sheet. Replacement sheet(s) should be labeled as such in th 6. DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F	e header according to 37 CFF it of BIOLOGICAL MATE	t 1.121(d). RIAL must be submitted. Note th	
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Sur Paper No./N 7. ☐ Examiner's A	fail Date mendment/Comment statement of Reasons for Allowance	3

Application/Control Number: 10/025,119

Art Unit: 2611

DETAILED ACTION

This is in response to RCE and IDS filed on 2/12/07 in which claims 1-18 are pending. The applicant's amendments have been fully considered therefore this case is in condition for allowance. In addition the pending claims have been renumbered as 1-15, 17, 16 and 18.

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: the prior arts of record fail to anticipate or render obvious the following recited features: after each computation of bit decisions, examining computed bit decisions to determining whether said computation of bit decisions is to be iterated, wherein upon iteration of said computation of bit decision at least some of the bit decisions of the previous computation of bit decisions in addition to the samples under examination, in the computation of the bit decision as recited in claims 1, 5, 13 and 14. Wherein the channel equalizer comprises means for examining a number of samples defined at the time, decision means for computing bit decisions on the basis of said number of samples to find out transmitted symbols, and examining means for estimating the need for iterating the computation of the bit decisions, wherein upon iterating said computation of bit decisions, at least some of the bit decisions previously computed are arranged to be used in addition to the samples under examination at the time as recited in claims 15 and 16.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel Bayard whose telephone number is 571 272 3016. The examiner can normally be reached on Monday-Friday (7:Am-4: 30PM) Alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571 272 2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Emmanuel Bayard Primary Examiner Art Unit 2611

PRIMARY EXAMINER

3/16/07